

FIG. 1

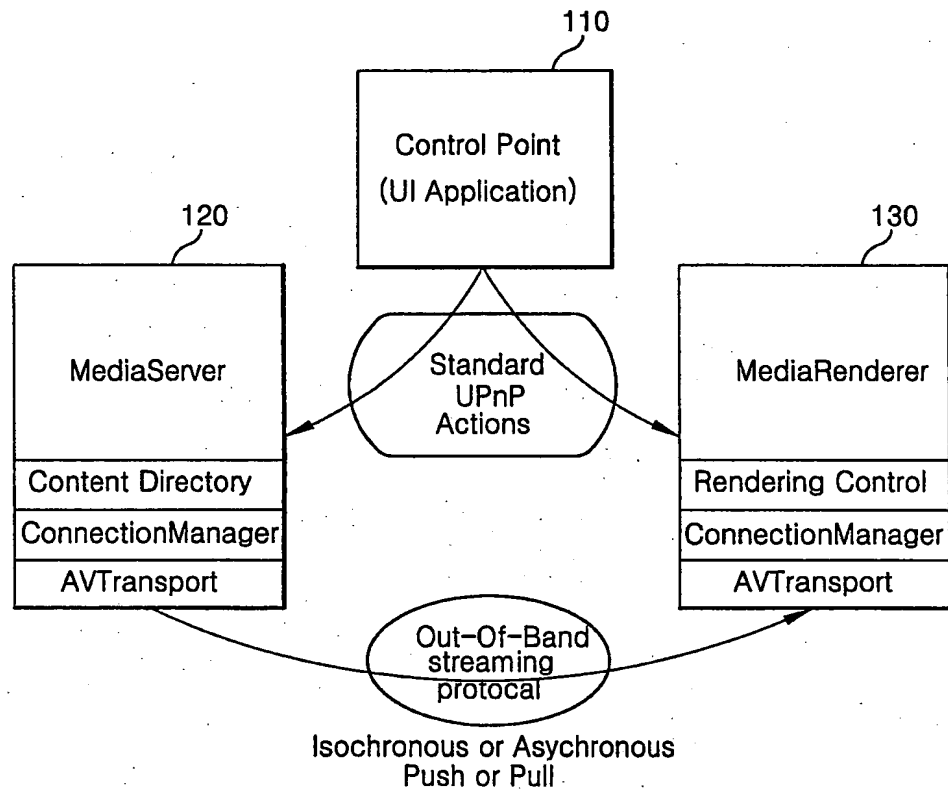


FIG. 2

```

<?xml version="1.0"?>
<root xmlns="urn:schemas-upnp-org:device-1-0">
  <specVersion>
    <major>1</major>
    <minor>0</minor>
  </specVersion>
  <URLBase>http://192.168.0.4:5431</URLBase>
  <device>
    <deviceType>urn:schemas-upnp-org:device:tvdevice:1</deviceType>
    <friendlyName>UPnP Television Emulator</friendlyName>
    <manufacturer>TV Manufacturer Name</manufacturer>
    <manufacturerURL>http://www.manufacturer.com</manufacturerURL>
    <modelDescription>UPnP Television Device Emulator 1.0</modelDescription>
    <modelName>TVEulator</modelName>
    <modelName>TVEulator</modelName>
    <modelName>TVEulator</modelName>
    <modelURL>http://www.manufacturer.com/TVEulator/</modelURL>
    <serialNumber>123456789001</serialNumber>
    <UDN>uuid:Upnp-TVEulator-1_0-1234567890001</UDN>
    <UPC>123456789</UPC>

```

```

  <role switch> ON </ role switch>
  <roamingInfolist>
    <MediaSerer>/ MediaServer.xml </Media Server>
    <MediaRenderer>/MediaRenderer.xml </MediaRenderer>
    <Matchinginfo>/ Matching.xml</Matchinginfo>
    <Currentinfo>/Currentinfo.xml </Currentinfo>
  </roamingInfolist>

```

```

  <serviceList>
    <service>
      <serviceType>urn:schemas-upnp-org:service:tvcontrol:1</serviceType>
      <serviceId>urn:upnp-org:serviceId:tvcontrol1</serviceId>
      <controlURL>/upnp/control/tvcontrol1</controlURL>
      <eventSubURL>/upnp/event/tvcontrol1</eventSubURL>
      <SCPDURL>/tvcontrolSCPD.xml</SCPDURL>
    </service>
  </serviceList>
  <presentationURL>/tvdevicepres.html</presentationURL>
</device>
</root>

```

FIG. 3

```
<DIDL-Lite xmlns:dc="http://purl.org/dc/elements/1.1/"
  xmlns:upnp="urn:schemas-upnp-org:metadata-1-0/upnp/"
  xmlns="urn:schemas-upnp-org:metadata-1-0/DIDL-Lite/">
  <item id="6" parentID="3" restricted="false">
    <dc:title>Chloe Dancer</dc:title>
    <dc:creator>Mother Love Bone</dc:creator>
    <upnp:class>object.item.audioItem.musicTrack</upnp:class>
    <res protocolInfo="http*:audio/x-ms-wma:*" size="200000">
      http://10.0.0.1/getcontent.asp?id="6"
    </res>
  </item>
  <item id="8" parentID="3" restricted="false">
    <dc:title>Drown</dc:title>
    <dc:creator>Smashing Pumpkins</dc:creator>
    <upnp:class>object.item.audioItem.musicTrack</upnp:class>
    <res protocolInfo="http*:audio/x-ms-wma:*" size="140000">
      http://10.0.0.1/getcontent.asp?id="8"
    </res>
  </DIDL-Lite>
<numberReturned> 3 </ numberReturned>
< totalMatches> 4 </ totalMatches>
< updateID> 18 </updateID>
```

FIG. 4

```
<protocol> http </protocol>  
<network> * </network>  
<type> audio/m3u </type>  
<additionalInfo>*</additionalInfo>
```

```
<protocol> http </protocol>  
<network> * </network>  
<type> audio/wma </type>  
<additionalInfo>*</additionalInfo>
```

```
<protocol> http </protocol>  
<network> * </network>  
<type> audio/m3u </type>  
<additionalInfo>*</additionalInfo>
```

```
<protocol> http </protocol>  
<network> * </network>  
<type> audio/wma </type>  
<additionalInfo>*</additionalInfo>
```

FIG. 5

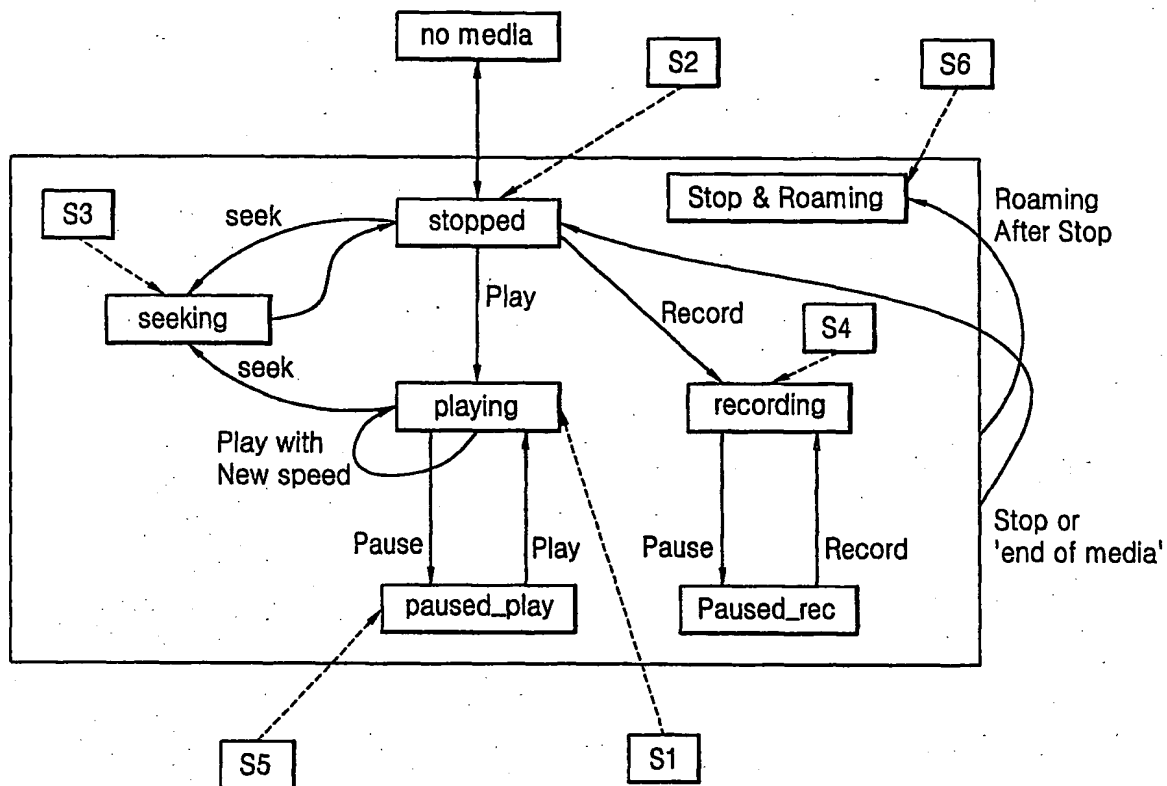


FIG. 6

